

From: Cynthia Caporale/ESC/R3/USEPA/US
Sent: 3/1/2012 2:42:50 PM
To: "Graves, Suddha" <Sgraves@TechLawInc.com>
CC: Fred Foreman; "Nance, Gene" <Gnance@TechLawInc.com>; John Gilbert; Kelley Chase; Kevin Martin; Richard Fetzer; Richard Rupert; Stevie Wilding
Subject: RE: Ethylene Glycol analysis

All,

I am suggesting that we use R6 instead of Test America for the March samples for ethylene glycol analysis. The GC/MS technique will be more selective than the GC/FID method provided by the commercial laboratories.

Adding propylene glycol to the analyte list is optional and I'll let Rich Fetzer make that decision. We can have further discussions of propylene glycol on a conference call, if needed.

Cindy

Cynthia Caporale, Chief
OASQA Laboratory Branch
U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
(410) 305-2732
Fax: (410) 305-3095

From: "Graves, Suddha" <Sgraves@TechLawInc.com>
To: Richard Fetzer/R3/USEPA/US@EPA, Cynthia Caporale/ESC/R3/USEPA/US@EPA
Cc: Richard Rupert/R3/USEPA/US, Stevie Wilding/ESC/R3/USEPA/US, Fred Foreman/ESC/R3/USEPA/US@EPA, "Nance, Gene" <Gnance@TechLawInc.com>, Kevin Martin/ESC/R3/USEPA/US@EPA, Kelley Chase/R3/USEPA/US@EPA, John Gilbert/CI/USEPA/US@EPA
Date: 03/01/2012 02:37 PM
Subject: RE: Ethylene Glycol analysis

All,

I have a couple questions/notes pertaining to this change.

1. From what I can tell by the below-noted e-mails, we are to continue sending samples to Test America for Ethylene Glycol analysis. Is this correct.
2. Propylene Glycol is an analyte under Method SW846 8015B, which Test America had been performing for us. However, Test America was not requested to report Propylene Glycol, and as such we have no data for that analyte. Do you need us to request Test America to start reporting Propylene Glycol?
3. We are to collect samples for Ethylene Glycol and Propylene Glycol to be shipped to Region 6 Lab. Is there a separate Case Number and/or Control Number? Do you have the Lab address and contact name? Will this analysis be performed under Method SW846 8015B? We intend to use 2 40-ml glass vials, with Teflon lined septum lids with no headspace, and ice to 4 degrees Celsius. Is this correct? Also the identified holding time for this analysis is 14 days. Please let us know if we need to change anything.

Suddha Graves

TechLaw, Inc.

-----Original Message-----

From: Richard Fetzer [<mailto:Fetzer.Richard@epamail.epa.gov>]

Sent: Thursday, March 01, 2012 1:12 PM

To: Cynthia Caporale

Cc: Richard Rupert; Stevie Wilding; Fred Foreman; Nance, Gene; Kevin Martin; Graves, Suddha; Kelley Chase;
gilbert.john@epa.gov

Subject: Re: Ethylene Glycol analysis

sound like a great plan. Thanks Cindy.

Richard M. Fetzer

Federal On-Scene Coordinator

100 Gypsum Road

Stroudsburg, PA 18360

(215) 341-6307

From: Cynthia Caporale/ESC/R3/USEPA/US

To: Richard Fetzer/R3/USEPA/US@EPA

Cc: Richard Rupert/R3/USEPA/US, Stevie Wilding/ESC/R3/USEPA/US,
Fred Foreman/ESC/R3/USEPA/US@EPA, gnance@techlawinc.com,
Kevin Martin/ESC/R3/USEPA/US@EPA, "Graves, Suddha"
<Sgraves@TechLawInc.com>, Kelley Chase/R3/USEPA/US@EPA,
gilbert.john@epa.gov

Date: 03/01/2012 01:09 PM

Subject: Re: Ethylene Glycol analysis

Rich and Rich,

GC/MS would be a more selective method than GC/FID. R6 also will be

reporting to 0.5ppm, which is more sensitive than the reporting limit we were seeing with GC/FID.

Cindy

Cynthia Caporale, Chief

OASQA Laboratory Branch

U.S. EPA Region III

Environmental Science Center

Fort Meade, MD

(410) 305-2732

Fax: (410) 305-3095

From: Richard Fetzer/R3/USEPA/US

To: Richard Rupert/ESC/R3/USEPA/US

Cc: Stevie Wilding/ESC/R3/USEPA/US, Cynthia

Caporale/ESC/R3/USEPA/US@EPA, Fred

Foreman/ESC/R3/USEPA/US@EPA, gnance@techlawinc.com, Kevin

Martin/ESC/R3/USEPA/US@EPA, "Graves, Suddha"

[<Sgraves@TechLawInc.com>](mailto:Sgraves@TechLawInc.com), Kelley Chase/R3/USEPA/US@EPA,

gilbert.john@epa.gov

Date: 03/01/2012 11:32 AM

Subject: Re: Ethylene Glycol analysis

Yes. I agree with Rupert's recommendations below.

Rich

Richard M. Fetzer

Federal On-Scene Coordinator

100 Gypsum Road

Stroudsburg, PA 18360

(215) 341-6307

From: Richard Rupert/R3/USEPA/US

To: Stevie Wilding/ESC/R3/USEPA/US

Cc: Cynthia Caporale/ESC/R3/USEPA/US@EPA, Fred

Foreman/ESC/R3/USEPA/US@EPA, gnance@techlawinc.com, Kevin

Martin/ESC/R3/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA,

"Graves, Suddha" <Sgraves@TechLawInc.com>

Date: 03/01/2012 11:14 AM

Subject: Re: Ethylene Glycol analysis

Yes, I strongly recommend to Fetzer that we run next week's samples for Ethylene Glycol and Propylene Glycol with Region 6.

My recommendation for Test America is as discussed with Cindy: that being have them run the analysis and further identify and quantify as we might perform.

Cindy can you please jump in here and explain again how we would want them to further run the samples using GCMS rather than relying only upon GC-FID?

Thanks

Rupert

Richard Rupert,

On-Scene Coordinator

U.S. EPA

1650 Arch Street - 3HS31

Philadelphia, PA 19103

(215) 814-3463 - office

215 514-8773 - mobile

rupert.richard@epa.gov

"The commander in the field is always right and the rear echelon is wrong, unless proved otherwise."

Colin Powell

From: Stevie Wilding/ESC/R3/USEPA/US

To: Richard Rupert/R3/USEPA/US, Richard Fetzner/R3/USEPA/US@EPA,

gnance@techlawinc.com, "Graves, Suddha"

[<Sgraves@TechLawInc.com>](mailto:Sgraves@TechLawInc.com)

Cc: Cynthia Caporale/ESC/R3/USEPA/US@EPA, Kevin

Martin/ESC/R3/USEPA/US@EPA, Fred Foreman/ESC/R3/USEPA/US@EPA

Date: 03/01/2012 11:07 AM

Subject: Ethylene Glycol analysis

Rich et al,

We have an offer from Region 6 to analyze for Ethylene Glycol and Propylene Glycol. Would you be interested in adding those parameters to the samples next week?

Are you still planning on contracting these to Test America?

Let me know so I can confirm this with Region 6.

Stevie